

**GREENLAWNS HIGH SCHOOL
FINAL EXAMINATION 2022**

STD: 7
SUBJECT: SCIENCE

MARKS: 40
TIME: 1 HOUR

NOTE:

- Answers to this paper must be written on composition sheets only.
- You will not be allowed to write during the first 10 minutes. Use this time to read the paper carefully.
- The time given at the head of this paper is the time allowed for writing the answers.
- All the questions are compulsory.
- After you finish writing the paper, click clear pictures of all the pages and convert it into one PDF. Rename the PDF with your Roll No., Name, Class-div, Science Final Exam. For example-
01 Reena Shah 7C Science Final Exam. and upload it on teams under the given assignment.

QUESTION 1

- A] Name the following: [5]
- 1) The change in position of an object with respect to time.
 - 2) The process in which a substance is decomposed by the action of micro-organisms with the release of heat and Carbon dioxide.
 - 3) The gravitational force acting on an object.
 - 4) A chemical change in which a substance combines with oxygen releasing heat and light.
 - 5) An outer dark part of a kidney.

Contd.....

B) State whether the following statements are true or false. If false correct the statement. [5]

- 1) Rusting is a process in which iron gets converted into its oxide in presence of moisture and carbon dioxide.
- 2) Animals belonging to Pisces breath through lungs.
- 3) The motion of all particles of the object along a circular path with respect to the axis of rotation is called a circular motion.
- 4) The motion in a body is caused by an unbalanced force.
- 5) The process of expulsion of urine to the exterior is called micturition.

QUESTION 2

A) Write the symbol of each of the following element. [3]

- 1) Calcium
- 2) Oxygen
- 3) Carbon
- 4) Aluminium
- 5) Hydrogen
- 6) Chlorine

B) Write the names of the elements whose symbols are given below:

- 1) P
 - 2) B
 - 3) He
 - 4) N
 - 5) S
- [5]

C) Distinguish between Mass and Weight on the basis of following points: [2]

- i) SI unit
- ii) Measuring instrument

Contd.....

QUESTION 3

A] Study the characteristics of animals given below and name the Phylum to which they belong: [5]

- 1) Soft unsegmented body with a hard shell covering and muscular foot for locomotion.
- 2) Aquatic animals with cylindrical body covered with pores.
- 3) Organisms with soft flattened ribbon like body with hooks and suckers on their heads.
- 4) Animals with soft, translucent body with a single hollow cavity and tentacles for locomotion and catching prey.
- 5) Animals with tough skinned body covered with spines and have tube feet for locomotion.

B] Match the columns: [3]

A

B

- | | |
|----------------------|--|
| 1) Melting of ice | a) Natural change |
| 2) Respiration | b) Undesirable, irreversible, slow change |
| 3) Growth of a plant | c) Periodic change |
| 4) Cooking of food | d) Physical change |
| 5) Rusting | e) Desirable, irreversible, exothermic change |
| 6) Day and night | f) Desirable, irreversible, endothermic change |

Contd.....

C] The table given below shows the distance covered by a body in certain intervals of time towards east. Study the table and answer the question that follow:

[2]

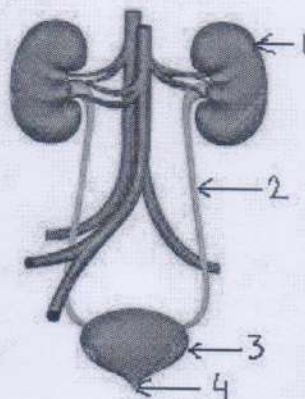
Distance(m)	0	25	50	75	100
Time (sec)	0	5	10	15	20

Did the body move with uniform motion (uniform velocity) or non-uniform motion (non-uniform velocity)?

Give reason to your answer.

QUESTION 4

A] Study the figure given below and answer the questions that follow:



- 1) Label the parts 2 and 3. [2]
- 2) Name and define the process carried out by part 1, other than excretion. [2]
- 3) Write the function of part 4. [1]

B] Write the type of motion observed in each of the following example. [3]

- 1) Motion of a swing
- 2) Rotating blades of a wind mill.
- 3) Person walking on a road takes a left turn.

C] Classify the following animals into Amphibians, Aves, Mammals or Reptiles. [2]

- 1) Whale
- 2) Salamander
- 3) Lizard
- 4) Eagle

BEST OF LUCK

- QUESTION 1 [5]
- 1) Name the following:
 - 1) The change in position of an object with respect to time.
 - 2) The process in which a substance is decomposed by the action of micro-organisms with the release of heat and Carbon dioxide.
 - 3) The gravitational force acting on an object.
 - 4) A chemical change in which a substance combines with oxygen releasing heat and light.
 - 5) An outer dark part of a kidney.